

IN THE SPECIFICATION:

Please substitute the following paragraph for the paragraph starting at page 4, line 10 and ending at line 14.

Note that, the color filter plate 231, as shown in detail in Fig. 9, is divided into the color areas 231R, 231G and 231B ~~read, red,~~ green and blue, respectively. Reference numeral 231a indicates the rotational center of the color filter plate 231.

Please substitute the following paragraph for the paragraph starting at page 10, line 19 and ending at page 11, line 8.

Reference numeral 604 is the PWM modulated display data for R. Here, for the sake of simplicity, a 6-bit signal is being shown. Reference numeral 606 is a first bit, 607 is a second bit, 608 is a third bit, 609 is a fourth bit, 610 is a ~~fourth~~ fifth bit, and 611 is a sixth bit. The second bit is twice as long as the first bit, and the third bit is twice as long as the second bit, and so on, such that with each next bit the length of the pulse doubles. The signal is modulated ~~for~~ to a pulse width corresponding to these bits and the light is reflected at the spatial modulation elements. Thus the image of each color in each field is displayed according to the integral of the period of each color in one field. Similarly, reference numeral 605 is the PWM modulated display data of R. Reference numeral 612 is a first bit, 613 a second bit, 614 a third bit, 615 a fourth bit, 616 a fifth bit, and 617 a sixth bit.

Please substitute the following paragraph for the paragraph starting at page 12, line 21 and ending at page 13, line 13.

As may be understood from Fig. 11, during the periods indicated by reference numerals 628 and 629, light in two different colors is irradiated at the same spatial modulation element screen. In the case of the rotating color filter, color mixing occurs while the spot light is passing through the filter boundary. Further, the same sort of problem occurs in the case when a color filter of liquid crystal is used in a switching fashion. In this case, color mixing occurs during the period of time necessary for the liquid crystal to respond to the switching of ~~color~~ color filters for each color. Therefore, placing importance on color purity, there are cases when this period is treated as a non-display period and is not used. Further, even though color mixing occurs as shown in the figure, there are cases when this period is used as a display period, just as it is in order to obtain increased brightness. In either case, at the boundary portion of the different color filters there is an unusable portion having at least the range indicated by 620.